MT. GEORGE QD.

CORDELIA QD.

Massive landslides obscure flt. traces to north.

Sinuous bdrk scarp

ld

rldd

s

dno

ridge not offset

dno

s

truncated outcrop of ash-flow tuff high on west side of saddle f/c 6-91

6

Levish (1991) (c-784)

T-A

T-3B

T-3A

T-1

T-1

linear tr & t (truncated andesite) f/c 6-91, 9-91

1

s

b

bedrock escarpment

s

rldd?

tr

eroded lr

ld

Carey & Wiggington (1989) (c-773)

C-773

2 E-facing scarp and broad tr

s

vague b

w-facing escarpment

5

0.5m wide flt zone in bdrk. f/c 6-91

n

Traverse (in orange) of bdrk exposed in USBR canal excavation. No significant flts exposed f/c 6-91

3

vague t in alluvium

4

t in alluvium

C-310

C-768

Cordelia flt not evaluated south of here

Green Valley flt evaluated in supplement #1 to FER-126

MAP EXPLANATION

Recently active faults mapped by Bryant (this report), based on air photo interpretation and limited field mapping (indicated by f/c and date). Solid line indicates well-defined feature, dashed where approximately located, short dash where inferred, dotted where concealed; queries indicate additional uncertainty; hachures indicate extent and direction scarp faces.

Location and orientation of trench excavation. Evidence of possible Holocene activity exposed in trench indicated in red. Location of trench less than 100 feet long indicated by X.

② Locality referred to in text.

GEOMORPHIC FEATURES INDICATIVE OF FAULT RECENCY AND/OR LOCATION, BASED ON AIR PHOTO INTERPRETATION AND FIELD MAPPING BY BRYANT (THIS REPORT)

b - bench
bd - beheaded drainage
bis - break in slope
cd - closed depression
dd - deflected drainage
rl-right lateral
ll- left lateral
dno - drainage not offset
ld - linear drainage
lr - linear ridge
pa - ponded alluvium
s - saddle
t - tonal lineament
tr - trough

Figure 1 (Supplement #2 to FER-127). Recently active traces of the Cordelia fault in the Cordelia and Mt. George 7.5-minute quadrangles. Fault traces highlighted in yellow are recommended for zoning for Special Studies.

SCALE 1:24 000
1 MILE
7000 FEET
1 KILOMETER
CONTOUR INTERVAL 20 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
NATIONAL GEODETIC VERTICAL DATUM OF 1929

127-4